

16C1  
**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/058,546**

1633

DATE: 05/20/1999  
TIME: 14:37:10

INPUT SET: S31933.raw

**This Raw Listing contains the General  
Information Section and up to the first 5 pages.**

## SEQUENCE LISTING

## (1) General Information:

**ENTERED**

- (i) APPLICANT: Gunzburg, Walter H.  
Saller, Robert M.  
Salmons, Brian
- (ii) TITLE OF INVENTION: RETROVIRAL VECTORS CARRYING SENESCENT  
CELL DERIVED INHIBITORS 1 (SDI-1) OR ANTISENSE SDI-1  
NUCLEOTIDE SEQUENCES
- (iii) NUMBER OF SEQUENCES: 7
- (iv) CORRESPONDENCE ADDRESS:  
(A) ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
(B) STREET: TWO MILITIA DRIVE  
(C) CITY: LEXINGTON  
(D) STATE: MASSACHUSETTS  
(E) COUNTRY: USA  
(F) ZIP: 02173
- (v) COMPUTER READABLE FORM:  
(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:  
(A) APPLICATION NUMBER: US 09/058,546  
(B) FILING DATE: 10-APR-1998  
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:  
(A) APPLICATION NUMBER: PCT/EP96/04447  
(B) FILING DATE: 11-OCT-1996
- (vii) PRIOR APPLICATION DATA:  
(A) APPLICATION NUMBER: DK 1157/95  
(B) FILING DATE: 13-OCT-1995
- (viii) ATTORNEY/AGENT INFORMATION:  
(A) NAME: Brook, David E.  
(B) REGISTRATION NUMBER: 22,592  
(C) REFERENCE/DOCKET NUMBER: GSF98-02A

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PATENT APPLICATION US/09/058,546DATE: 05/20/1999  
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47 (ix) TELECOMMUNICATION INFORMATION:  
48 (A) TELEPHONE: (781) 861-6240  
49 (B) TELEFAX: (781) 861-9540  
50  
51  
52 (2) INFORMATION FOR SEQ ID NO:1:  
53  
54 (i) SEQUENCE CHARACTERISTICS:  
55 (A) LENGTH: 41 base pairs  
56 (B) TYPE: nucleic acid  
57 (C) STRANDEDNESS: single  
58 (D) TOPOLOGY: linear  
59  
60 (ii) MOLECULE TYPE: other nucleic acid  
61 (A) DESCRIPTION: /desc = "DNA"  
62  
63  
64  
65  
66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
67  
68 ATGAAAGACC CCGCGGACGC GTGCGCCAGT CCTCCGATTG A  
69  
70 (2) INFORMATION FOR SEQ ID NO:2:  
71  
72 (i) SEQUENCE CHARACTERISTICS:  
73 (A) LENGTH: 20 base pairs  
74 (B) TYPE: nucleic acid  
75 (C) STRANDEDNESS: single  
76 (D) TOPOLOGY: linear  
77  
78 (ii) MOLECULE TYPE: other nucleic acid  
79 (A) DESCRIPTION: /desc = "DNA"  
80  
81  
82  
83  
84 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
85  
86 TCAATCACTC AGAGGAGACC  
87  
88 (2) INFORMATION FOR SEQ ID NO:3:  
89  
90 (i) SEQUENCE CHARACTERISTICS:  
91 (A) LENGTH: 41 base pairs  
92 (B) TYPE: nucleic acid  
93 (C) STRANDEDNESS: single  
94 (D) TOPOLOGY: linear  
95  
96 (ii) MOLECULE TYPE: other nucleic acid  
97 (A) DESCRIPTION: /desc = "DNA"  
98  
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100  
101  
102 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
103  
104 ACATCGATAG AAAAAGGGGG GAATGAAAGA CCCC GCGGAC G 41  
105  
106 (2) INFORMATION FOR SEQ ID NO:4:  
107  
108 (i) SEQUENCE CHARACTERISTICS:  
109 (A) LENGTH: 26 base pairs  
110 (B) TYPE: nucleic acid  
111 (C) STRANDEDNESS: single  
112 (D) TOPOLOGY: linear  
113  
114 (ii) MOLECULE TYPE: other nucleic acid  
115 (A) DESCRIPTION: /desc = "DNA"  
116  
117  
118  
119  
120 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
121  
122 ATACCGCGGA AAAAGGGGGA AATGCC 26  
123  
124 (2) INFORMATION FOR SEQ ID NO:5:  
125  
126 (i) SEQUENCE CHARACTERISTICS:  
127 (A) LENGTH: 33 base pairs  
128 (B) TYPE: nucleic acid  
129 (C) STRANDEDNESS: single  
130 (D) TOPOLOGY: linear  
131  
132 (ii) MOLECULE TYPE: other nucleic acid  
133 (A) DESCRIPTION: /desc = "DNA"  
134  
135  
136  
137  
138 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
139  
140 GCGGCGACGC GTAAGTTTAC TCAAAAAATC AGC 33  
141  
142 (2) INFORMATION FOR SEQ ID NO:6:  
143  
144 (i) SEQUENCE CHARACTERISTICS:  
145 (A) LENGTH: 28 base pairs  
146 (B) TYPE: nucleic acid  
147 (C) STRANDEDNESS: single  
148 (D) TOPOLOGY: linear  
149  
150 (ii) MOLECULE TYPE: other nucleic acid  
151 (A) DESCRIPTION: /desc = "DNA"  
152

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156 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

157

158 TATGGACGTC TCCCTGCCGA AGTCAGTT

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159

160 (2) INFORMATION FOR SEQ ID NO:7:

161

162 (i) SEQUENCE CHARACTERISTICS:

163 (A) LENGTH: 28 base pairs

164 (B) TYPE: nucleic acid

165 (C) STRANDEDNESS: single

166 (D) TOPOLOGY: linear

167

168 (ii) MOLECULE TYPE: other nucleic acid

169 (A) DESCRIPTION: /desc = "DNA"

170

171

172

173

174 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

175

176 TATGGGATCC GGCAGAAGAT GTAGAGCG

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**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION *US/09/058,546*

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Original Text